Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



aSB252

UNITED STATES DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE MARKET NEWS SECTION - COTTON DIVISION 4841 SUMMER AVENUE, MEMPHIS, TENNESSEE 38122



COTTON GIN EQUIPMENT JULY 1974

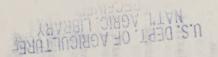
There were 3,400 active gin batteries in the United States in July 1974, according to the Department of Agriculture, Agricultural Marketing Service. This compares with 3,600 active batteries in July 1973 and 4,300 five years ago.

All but eight batteries were equipped with seed cotton driers and all but 13 had lint cleaners. Most of the batteries had two or more stages of drying and lint cleaning. Over one-half of the batteries were equipped with automatic bulk feed control which regulates the flow of cotton into the ginning system. Approximately three-fifths of the batteries were equipped with bur extractors and stick and green leaf machines.

In July 1974, over 800 gins had modified their flat gin presses to produce a bale that could be pressed to universal density and size. At the same time, 86 gins had installed universal density presses.

About 85 percent of the active batteries had electricity as the source of power for gin stands. The remaining 15 percent were powered by either diesel fuel, bottled gas or natural gas.

DEC 30 .11



Cotton gin batteries with specified kinds of equipment, by states and United States, July 1974

1	1									- 2										
	Mechani	sampler	No.	-1	THE REAL PROPERTY.	10	н	12	11	m	m	6	15	TEX.	49	44	14	06	1	217
	Overflow	by-pass	No.	49	115	82	m	101	383	134	92	300	103	. 87	840	42	100	226	1	2,658
	_	green leaf machine	No.	34	98	117	m	156	254	. 92	. 65	181	95	89	729	36	63	135		2,114
	Bur	tor	No.	37	45	57) 165 01 0	26	87	84	41	211	09	109	918	24	78	711	~	1,926
ving:	cleaning	4 or more	No.	ť	ä.	1	1,	4	Н	m	. ~	9 .	2	1	Ŋ	~	9	10	- ogs	42
les ha	nt cle	m	No.	12	59	27	, H	26	20	09	9	99	38	391	101	12	28	63	1	633
gin batteries having:	of lint	2	No.	31	82	97	m	120	314	110	64	250	94	64	701	32	75	146	0	2,188
of gin h	Stages	1	No.	33	36	28	TO STATE OF	19	09	14	80	70	9	46	218	7	6	Н	Trest.	555 2
Number o	Lint	cleaners	No.	76	151	152	4	199	445	187	114	392	140	110	1,025	R	118	250	2	3,418
	drying	3 or more	No.	4	m	8		N	10	28	ო	18	6	4	87	~ ~	16	99	1.	260
	of	2	No.	31	79	96	m	134	340	123	101	599	122	26	199	32	20	179	1	,333
	Stages	H	No.	41	17	49	Н	9	94	35	10	75	6	20	276	19	32	n	п	830 2,
	Seed	cotton	No.	92	153	.153	4	198	444	186	114	392	140	110	1,030	23	118	250	2	3,423
		bulk feed	No.	25	47	61	~ ~	88	273	88	87	207	88	51	495	30	102	243	2	1,890
	gin	batteries 1/	No.	78	154	154	4	500	445	187	114	392	140	110	1,030	23	118	250	2	3,431
States	and	ates	38	N. Carolina	S. Carolina	Georgia	Florida	Alabama	Mississippi	Tennessee	Missouri	Arkansas	Louislana	Oklahoma	Texas	New Mexico	Artzona	Callfornia	All other 2/	United States

Cotton gin batteries with specified kinds of equipment, by states and United States, July 1974 -- Continued

			Number of	Number of batteries having:	having:	Z	Tumber of batter	ies having the	following sourc	Number of batteries having the following sources of power for gin stands	gin stands
States and United States	Total gln batterles	Flat gin presses	Modified flat gin presses	Universal density presses	·	High density presses	Electricity	Diesel fuel	Bottled gas	Natural gas	Other
	No.	No	No.	No.	No.	No.	No.	No.	No.	No.	No.
N. Carolina	78	78			1	1	74	4	•		•
S. Carolina	154	153	1	н	1	ī	151	m		1	1
Georgia	154	151	1	m	ì	1	146	۵	•		J
Florida	4	4	1	1	1		4	1	1	•	1
Alabama	200	198	1	T ₁	2	1	179	21	•		
Mississippi	445	204	211	50	10		360	41	19	52	
Tennessee	187	130	21	m	m	1	168	18	п		- 3
Mssourt	114	73	32	4	0	1	02	35	1	Ω	4
Arkansas	392	225	152	7	ω	1	259	09	59	4	
Louisiana	140	9	29	25	80	1	17	6	0	45	
Oklahoma	110	95	15		1	1	79	2	7	22	1
Texas	1,030	747	253	13	17		887	33	35	82	
New Mexico	8	10	41		2	1	52		1	н,	•
Artzona	118	86	æ		21	т	118			1	
California	250	166	מ	10	28	11	249			1	
All other 2/	. 2	1	1		П		2	1	l	1	1
United States	3,431	2,361	838	86	132	14	2,875	234	100	228	4
1/ Saw and ro	Saw and roller gin batteries.	atterles.									

2/ Includes gin batteries in Kentucky and Nevada.
3/ A flat gin press box converted to form a bale 2.

A flat gin press box converted to form a bale 24 inches in width.

								Hz.	The state of the s	7)
						*				
	ť	ęs.								